

THE TATTLER IV

**STEAM TRAP TESTER
TAT-4A**

EZ TIMERS 702-376-6693
www.eztimers.com

OPERATIONS AND MAINTENANCE MANUAL

COMPONENT IDENTIFICATION AND USAGE

POWER ON LITE

Indicates when the device is powered up and the status of the batteries.

1. Green device power is on batteries OK.
2. Blinking red indicates the batteries require replacement.

POWER SWITCH

Pressing the switch toggles the unit on and off.

TEST STATUS LITE

Initiate testing when the indicator is blinking yellow. While data logging the indicator will flash green.

TEST RESULT LITE

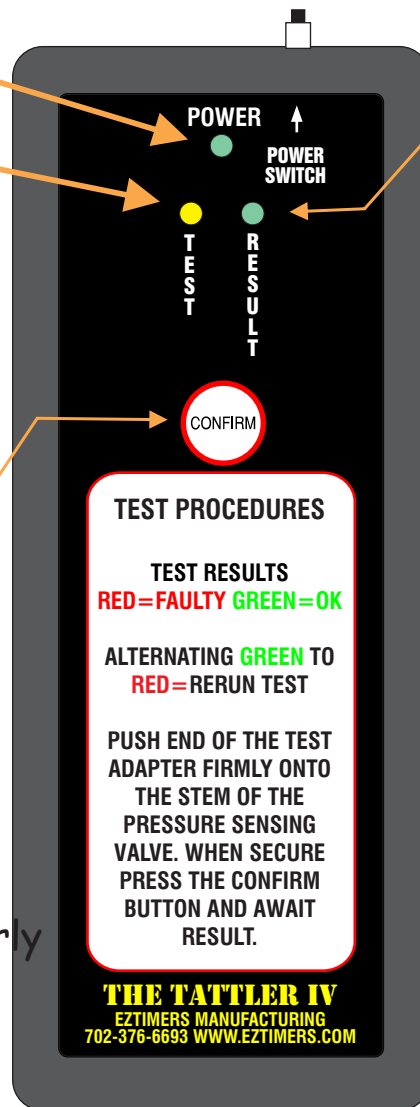
Indicates the test result.

1. Green=OK
2. Red=faulty
3. Alternating red and green=rerun the test.

TEST ADAPTER

CONFIRM BUTTON

Press when **TEST ADAPTER** is properly connected to the pressure sensing valve.



TEST PROCEDURES

TEST RESULTS

RED=FAULTY GREEN=OK

ALTERNATING GREEN TO RED=RERUN TEST

PUSH END OF THE TEST ADAPTER FIRMLY ONTO THE STEM OF THE PRESSURE SENSING VALVE. WHEN SECURE PRESS THE CONFIRM BUTTON AND AWAIT RESULT.

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DOCKING STUD FOR COILED TUBING

Clip the **TEST ADAPTER** onto this stud for easy storage while moving around during testing.

STEAM TRAP PREPARATION

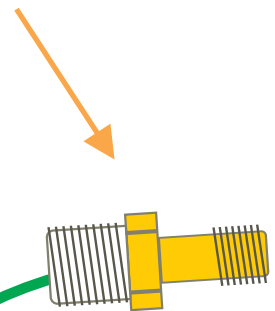
STEP 2:

Wrap the pipe threads of the **PRESSURE SENSING VALVE** with Teflon tape.



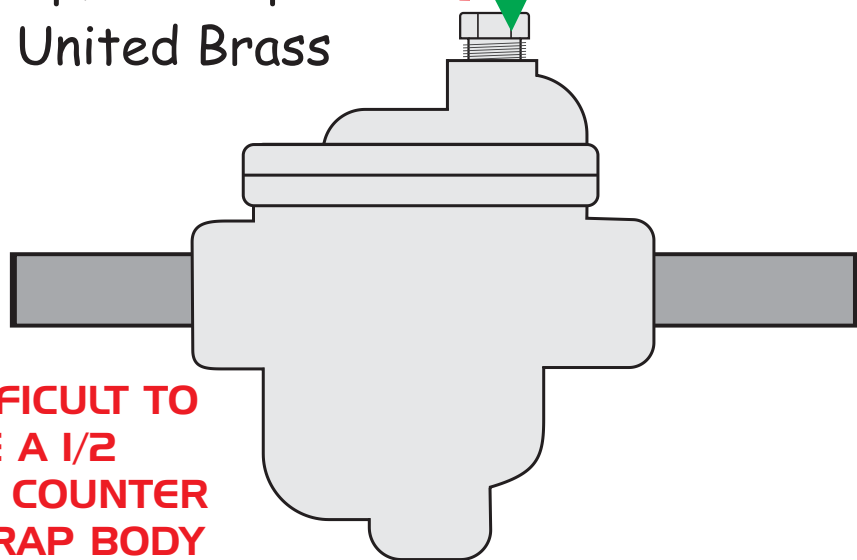
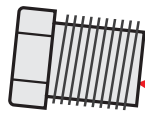
STEP 3:

Screw the **PRESSURE SENSING VALVE** into the port on the top of the trap using a 6 point 9/16 socket.



STEP 1:

Unscrew the plug from the port on the top of the trap using a 6 point 9/16 size socket for the Armstrong type trap, or a 6 point 7/16 socket for a United Brass type trap,

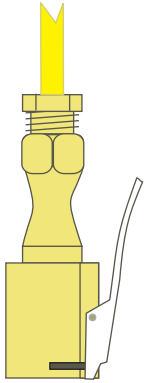


CAUTION
PLUGS CAN BE DIFFICULT TO UNSCREW. USE A 1/2 SOCKET DRIVE AND COUNTER WRENCH ON THE TRAP BODY WHEN UNSCREWING.

PROCEDURES FOR TRAP TESTING

STEP 1:

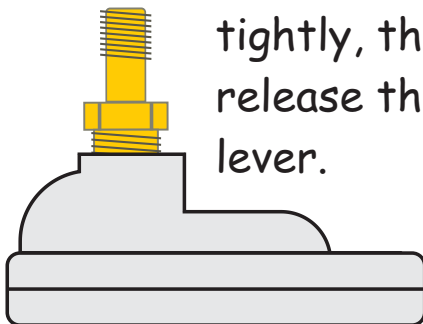
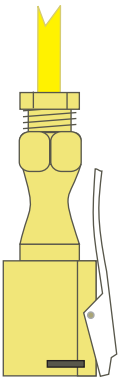
Squeeze the lever on the **TEST ADAPTER** against the test adapter body.



CAUTION
THE TEST
ADAPTER WILL
GET HOT
WEAR A GLOVE

STEP 2:

Push the **TEST ADAPTER** firmly onto the end of the pressure sensing valve, be sure its seated tightly, then release the lever.



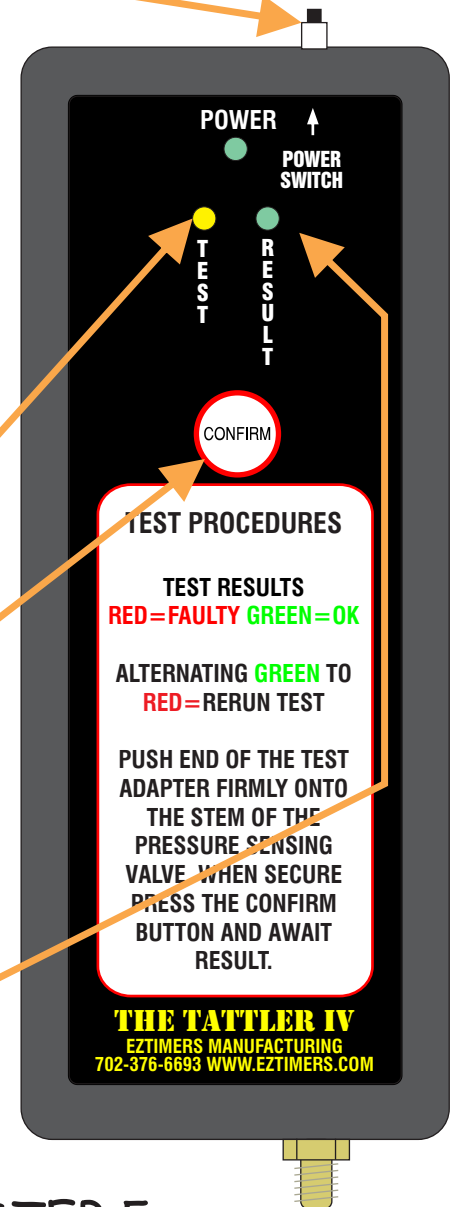
TRAP LID

STEP 3:

Push then release the **POWER SWITCH**.

STEP 4:

When the **TEST LITE** is blinking yellow, press the **CONFIRM BUTTON**.
The green lite will flash and then the result of the test will be displayed by the **RESULT LITE**.
If its green, the trap is OK, if red faulty, if alternating red and green the test needs to be rerun.



STEP 5:

To continue testing or rerun a test, press the **CONFIRM BUTTON**, when the test lite blinks yellow repress the **CONFIRM BUTTON**.

BATTERY REPLACEMENT

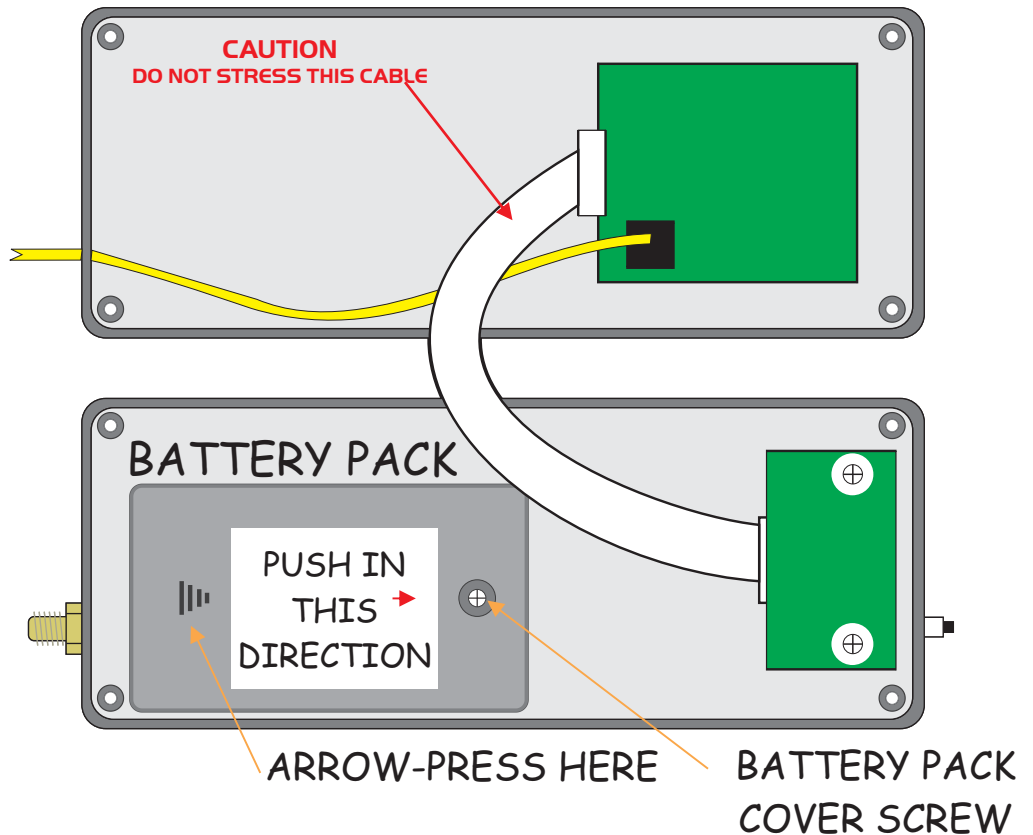
STEP 1:

Unscrew the four corner screws using a small Phillips head.



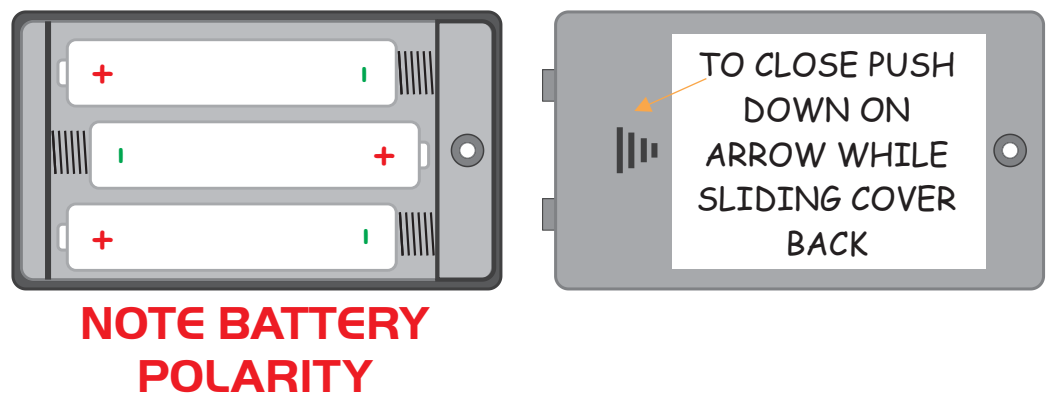
STEP 2:

Gently open the case like a book, being careful not to stress or pull on the ribbon cable. **LAY THE UNIT DOWN ON A FLAT SURFACE.**



STEP 3:

Unscrew the **BATTERY PACK COVER SCREW**, press down on the arrow and push the lid forward. **USE HIGH QUALITY LITHIUM BATTERIES.**





LIMITED WARRANTY

EZtimers will supply new or rebuilt replacements units for a period of 1 year (from the date of shipment from the EZtimers facility) for the cost of shipping and handling only.

This warranty extends only to the original purchaser. A receipt or other proof of purchase is required before any warranty action can be taken. This warranty covers only failures due to defects in materials and workmanship. It does not cover damage which is the result of accident, misuse, abuse, neglect, mishandling, misapplication, alteration or damage attributed to acts of God. EZtimers assumes no responsibility for any special, incidental, or consequential damages.

In order to obtain warranty service the following conditions must be met:

1. Provide proof of the date of purchase.
2. Return the defective part by return mail or other means.